

## REMARKS/ARGUMENT

This Preliminary Amendment is being submitted to change the multiple dependent claims to single dependent claims in order to reduce the government filing fee.

### EXPRESS MAIL CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail to Addressee (mail label # EL918242585US) in an envelope addressed to: Asst. Commissioner for Patents, Washington, D.C. 20231, on September 20, 2001:

Dorothy Jenkins

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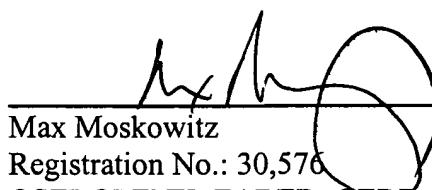
Signature

September 20, 2001

Date of Signature

SIW:MM/jc

Respectfully submitted,



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**APPENDIX B**  
**VERSION WITH MARKINGS TO SHOW CHANGES MADE**  
**37 C.F.R. § 1.121(b)(iii) AND (c)(ii)**

**CLAIMS:**

4. The file managing system according to claim 2 [or 3], wherein the memory unit further includes hash tables in which relationships of hash values of files and managing IDs are recorded, the data processor includes a hash table retrieving means for retrieving the hash tables with hash values of files to be registered and a hash table registering means for registering, if no same content file has been registered in the file memory, the hash values of files to be registered and corresponding managing IDs in the hash tables, and the file content comparing means compares the content of a file corresponding to a managing ID in the case of obtaining identity as a result of the retrieval in the hash table retrieving means and the content of the pertinent file to be registered.

10. The file managing method according to [one of claims 8 and 9] claim 8, wherein the hash tables are each provided for each file title, in the hash table retrieval each hash table is retrieved for any file having the same file title as a file to be registered, decides, if no same title file has been recorded, that no retrieval result is present, and retrieves, if a same content file has been recorded, the hash table corresponding to the file title of the same title file with the hash value of the file to be registered used as a key value.

11. The file managing method according to claim 8 [or 9], wherein the hash table is provided for all of file titles.